

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59644 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 23 2012

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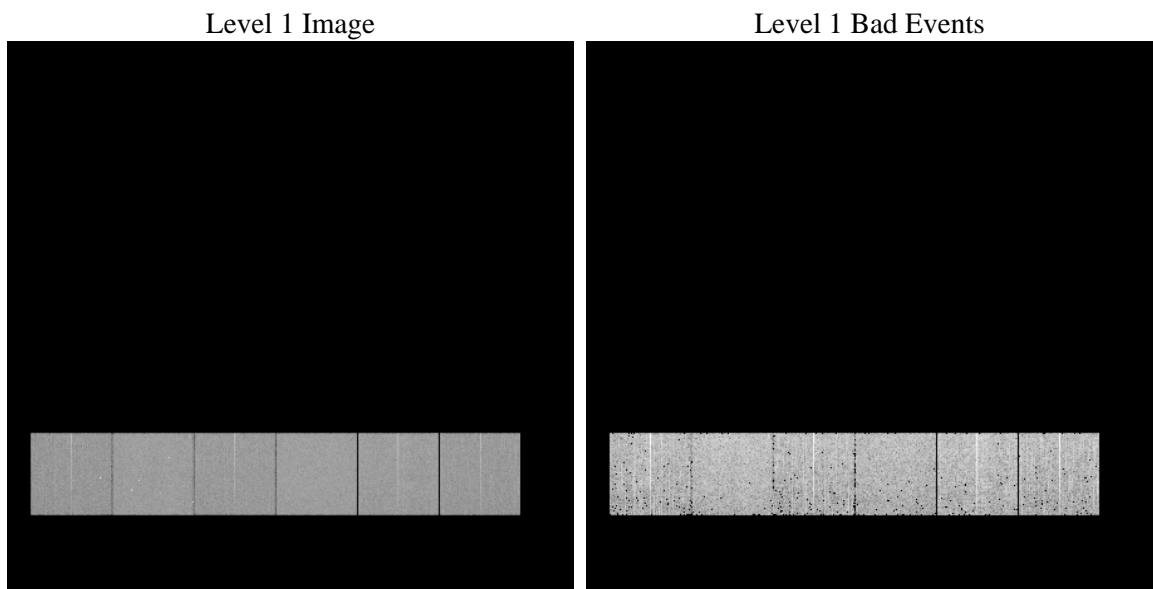
1 Front

seq_num	 	Sequence number
obs_id	59644	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	232.48526813659	Nominal RA [deg]
dec_nom	4.4754411328273	Nominal Dec [deg]
roll_nom	206.2535766246	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4309.0210687518	Sum of GTIs [s]
livetime	4254.4576493983	Livetime [s]
ontime4	3631.5352988243	Sum of GTIs [s]
ontime5	4308.9800287485	Sum of GTIs [s]
ontime6	3855.203327924	Sum of GTIs [s]
ontime7	4309.0210687518	Sum of GTIs [s]
ontime8	3978.2780196071	Sum of GTIs [s]
ontime9	3834.1109235287	Sum of GTIs [s]
l2events	570337	Number of level 2 events

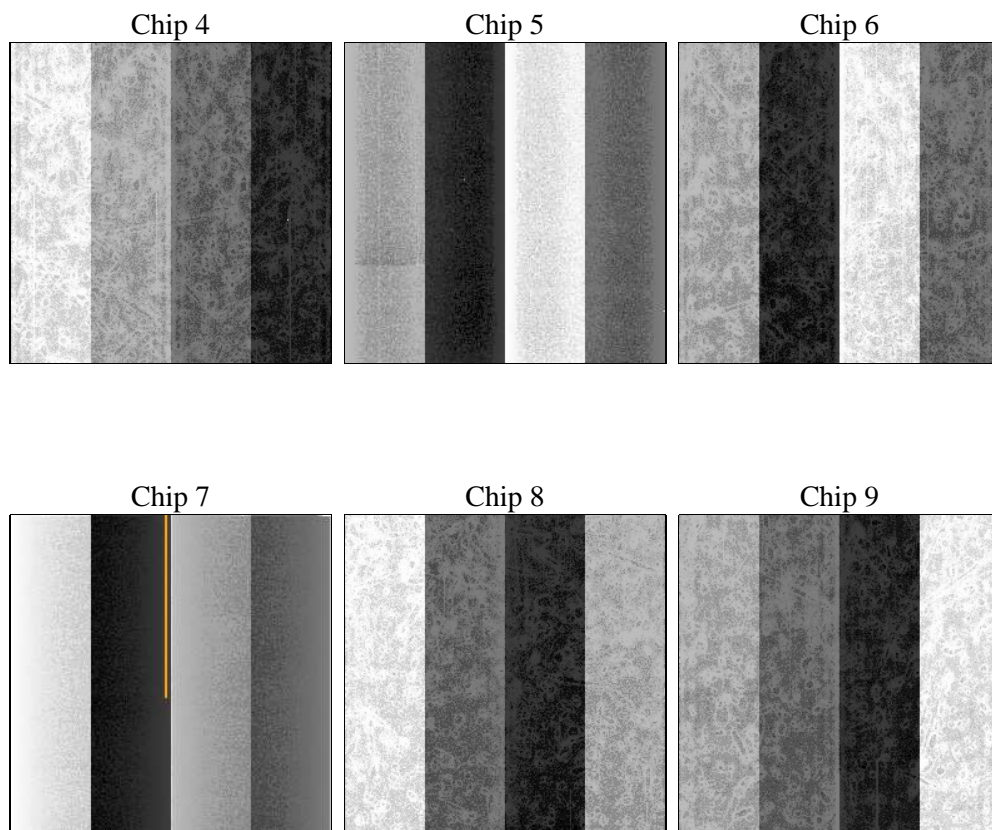
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	4309.0210687518	Sum of GTIs [s]
caldbver	4.5.5	 	ontime4	3631.5352988243	Sum of GTIs [s]
date	2012-12-24T00:41:16	Date and time of file creation	ontime5	4308.9800287485	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3855.203327924	Sum of GTIs [s]
			ontime7	4309.0210687518	Sum of GTIs [s]
			ontime8	3978.2780196071	Sum of GTIs [s]
			ontime9	3834.1109235287	Sum of GTIs [s]
			l1events	787575	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	115341	138481	127246	145125	138087	123295	grade 0 events	50131	23847	52841	28300	56574	51066
rejected events	29196	30994	29597	26850	33294	29801		43%	17%	41%	19%	40%	41%
rejected %	25%	22%	23%	18%	24%	24%	grade 1 events	391	156	305	88	288	296
								0%	0%	0%	0%	0%	0%
							grade 2 events	13422	37994	16893	26343	18458	16104
								11%	27%	13%	18%	13%	13%
							grade 3 events	5762	6382	6130	11744	6978	6061
								4%	4%	4%	8%	5%	4%
							grade 4 events	5787	6427	6115	11645	6905	5965
								5%	4%	4%	8%	5%	4%
							grade 5 events	1743	4772	1860	4781	2372	2009
								1%	3%	1%	3%	1%	1%
							grade 6 events	11120	32837	15670	40243	15953	14298
								9%	23%	12%	27%	11%	11%
							grade 7 events	26985	26066	27432	21981	30559	27496
								23%	18%	21%	15%	22%	22%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	232.4852681365899	Alternating exposures requested	N	N
[deg] Pointing Dec	0	4.47544113282731	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	206.2535766245973			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	233710834.666757	233710833.64175			
Observation start date	2005-05-28T23:40:35	2005-05-28T23:40:33			
[s] Observation end time (MET)	233748044.218454	233748043.19344			
Observation end date	2005-05-29T10:00:44	2005-05-29T10:00:43			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.3090210687518

A.2 Comments